

Utah Department of Transportation



**Supplemental Specifications
for**

**2005 Standard
Specifications**

**FOR ROAD AND BRIDGE
CONSTRUCTION**

U.S. Standard Units (Inch-Pound Units)

Issued May 10, 2005

Memorandum

UTAH DEPARTMENT OF TRANSPORTATION

DATE: May 10, 2005

TO: Holders of Hard Copy of Standard Specifications

FROM: Barry Axelrod, CDT
Standards and Specifications

SUBJECT: Supplemental Specifications Distribution, dated May 10, 2005

Applicable files for the change are attached. Maintain these files as a supplemental update to the UDOT Standard Specifications dated January 1, 2005. No pages are to be removed or replaced in the basic book, electronic or hard copy.

If you are in need of electronic copies of any Standard or Supplemental Specification please refer to the Standards and Specifications Web site at <http://www.udot.utah.gov/index.php?m=c&tid=302>. From there select the **2005 Standards** subtopic.

If you have any questions or problems with the electronic files contact me at 801-964-4570 or by email at baxelrod@utah.gov.

Attachments

Listing of Supplemental Specifications

Issue Date: March 14, 2005

Revised February 24, 2005

Section 01282M Article 1.1 Paragraph D added and Article 1.14 Paragraph E replaced.

Section 01284 New section added

Section 02785M Replaces Table 1 to correct reference callout from AASHTO to ASTM

Section 02843 Entire section revised.

Section 06055M Article 1.2 Paragraph F added and Article 2.2 Paragraphs A and D modified.

Issue Date: May 10, 2005

Revised April 28, 2005

Section 02827 New section added

**Supplemental Specification
2005 Standard Specification Book**

SECTION 02827

DEER CROSSING

Add Section 02827:

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Materials and procedures for constructing deer crossings.

1.2 RELATED SECTIONS

- A. Section 02056: Common Fill
- B. Section 02231: Site Clearing and Grubbing
- C. Section 02822: Right-of-Way Fence and Gate
- D. Section 02911: Mulch
- E. Section 02912: Topsoil
- F. Section 02922: Seed, Turf Seed, and Turf Sod Section
- G. Section 06055: Timber and Timber Treatment

1.3 REFERENCES

- A. AASHTO M 279: Zinc Coated (Galvanized) Steel Woven Wire Fence Fabric

1.4 DEFINITIONS

- A. Typical Deer Crossing: A deer crossing that consists of a single deer ramp perpendicular to the right-of-way fence.

- B. High Migratory Deer Crossing: A deer crossing that consists of three deer ramps; two along the right-of-way fence as approached from either direction and one perpendicular to the right-of-way fence with additional fencing funneling animals that have crossed the road.

PART 2 PRODUCTS

2.1 TIMBER PLANKS

- A. Sound Lodgepole pine, Ponderosa pine, Engelmann spruce, Douglas fir, hem-fir or Western Larch of grading WWPA No. 2 that is free from decay, splits, multiple cracks or any other defect, and structurally suitable as per Section 06055.

2.2 ROUND TIMBER

- A. Use timber meeting Section 02822.

2.3 WIRE MESH FENCING

- A. As specified in AASHTO M 279.
- B. Grade 60, nominal 0.099 inch farm grade wire mesh fencing with a 6-inch vertical wire spacing.
- C. Class I zinc coating.

2.4 NAILS

- A. Use 16d galvanized nails.

2.5 BORROW

- A. Borrow. Refer to Section 02056.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Locate deer crossing by type as identified in the plans.

- B. Within the footprint of the deer crossing Clear and Grub as per Section 02231 and Strip and Stockpile 4 inches of topsoil.
- C. Install vertical posts as shown in the Deer Ramp Detail on FG Series Standard Drawings.
- D. Place end panels on both sides of the deer ramp openings. Place brace panels on each end of the 24 foot 9 inch drift fence. Refer to FG Series Standard Drawings.
- E. Securely nail ends of the nominal 2 inch x 8 inch planks to the posts with 16d nails as shown in the Deer Ramp Detail per FG Series Standard Drawings.
- F. Place borrow material for ramp as shown on the isometric view per FG Series Standard Drawings.
- G. Upon completion of borrow placement, cover the deer ramp with topsoil, seed and mulch as per Sections 02912, 02922 and 02911 respectively.
- H. Remove upper section of fence near deer ramp as shown in FG Series Standard Drawings.

END OF SECTION